Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Thursday 13 Aug 2020 until 23:59 on Friday 14 Aug 2020

Forecast Issued on Wednesday 12 Aug 2020 at 16:48

Confidence: Moderate in overall trend, but low confidence in detail regarding showers.

Headline for Thursday 13 Aug 2020: Low cloud, patchy fog on peaks clearing to sunny spells, isolated thundery showers.

Mountain weather hazards on Thursday 13 Aug 2020

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Mist	Sunny intervals	Sunny	Sunny	Mist	Fog
Precipitation probability							
10%	10%	10%	10%	10%	20%	20%	10%

Forecast for Thursday 13 Aug 2020

Weather: Cloud will increase overnight with poor visibility on peaks for a time. This will clear during the morning to sunny spells. Becoming warm or very warm in valleys, pleasant enough values over peaks, but with strong northeast winds giving a fresher feel. There is a low chance of isolated showers or thunderstorms.

Chance of cloud free mountain/hill tops above 600m: 20 percent at first with low cloud. Becoming 90 percent during the day as cloud lifts and breaks.

Visibility: Becoming mainly good or very good, after poor conditions at first on peaks in low cloud cover.

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Forecast for Thursday 13 Aug 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/19 NE	11/20 NE	14/24 NE	16/23 NE	18/25 NE	18/26 NE	17/25 NE	17/26 NE	17/25 NE
300	7/18 NE	7/19 NE	10/23 NE	15/26 NE	15/25 NE	15/25 NE	13/25 NE	13/26 NE	12/24 NE
Valley	8/15 E	10/19 NE	11/22 NE	16/27 NE	16/26 NE	16/26 NE	16/29 NE	15/29 NE	14/26 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/15	16/14	15/13	15/12	16/13	16/13	14/11	12/9	12/9
300	18/18	17/16	17/16	19/16	21/18	20/18	17/15	14/12	14/12
Valley	20/20	19/18	19/18	21/18	23/20	22/20	19/16	16/14	16/13
Freezing Level*	3500m	3400m	3500m	3400m	3400m	3400m	3400m	3300m	3300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Strong winds at altitude will take the edge of temperatures giving a fresher feel.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 12 Aug 2020	0mm	0.6mm	1.6mm

Forecast for Friday 14 Aug 2020

Weather: A somewhat cloudier day is expected with mist and patchy fog, perhaps occasional drizzle on peaks in the early hours. Cloud may lift above peaks during the morning, with possible sunny intervals to the lee of the hills in the east.

Maximum wind: Northeast fresh or strong with gusts to 35 mph, decreasing to 20-25 mph later.

Chance of cloud free mountain/hill tops above 600m: 20 percent at first, becoming 80 percent during the day as cloud breaks and lifts above most peaks.

Visibility: Locally poor at first in low cloud cover, moderate in drizzle, becoming mainly good.

Temperature: **Valleys:** 13 bec 19 deg C
At 600m: 12 to 15 deg C
Freezing level: Above the peaks.

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